

What is claimed is

1. A fishing reel comprising:

a reel body;

a spool rotatably supported by the reel body;

5 a revolutions counter detector for detecting number
of revolutions of the spool;

a line measurement device for measuring line length
based on the result detected by the revolutions counter
detector;

10 an informing device for informing an angler about
fishing information;

a receiver for receiving a signal which includes
the fishing information and is transmitted from a
transmitter; and

15 a controller for controlling the informing device
to inform the angler about the fishing information from
the receiver.

2. The fishing reel according to claim 1, wherein the
20 informing device is a display for displaying the line
length measured by the line measurement device, and the
controller displays the fishing information on the
display.

25 3. The fishing reel according to claim 1, wherein the

fishing information transmitted from the transmitter is data processed in at least one of a fishfinder and a GPS installed in a boat.

5 4. The fishing reel according to claim 1, wherein the
fishing information transmitted from the transmitter is
data which does not processed in at least one of a
fishfinder and a GPS installed in a boat, and the controller
processes the data transmitted from the transmitter and
10 sends the processed data to the informing device.

5. The fishing reel according to claim 1, wherein the signal from the transmitter to the receiver is transmitted by radio or a wire.

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6. A fishing reel for winding a fishline on a spool,
comprising:

a receiver for receiving fishing information from an outside of the fishing reel; an informing device for informing an angler about the fishing information; and a computer for receiving the fishing information from the receiver and sending the received fishing information to the informing device.

7. The fishing reel according to claim 6, wherein the computer processes the fishing information.

8. The fishing reel according to claim 6, the fishing
5 information is transmitted from a transmitter.

9. The fishing reel according to claim 8, the receiver communicates to the transmitter through a wire or a radio.

10 10. The fishing reel according to claim 6, wherein the computer controls a motor for rotating the spool based on the fishing information.

11. The fishing reel according to claim 6 further
15 comprising:

a revolutions counter detector for detecting number
of revolutions of the spool; and
a line measurement device for measuring line length
based on the result detected by the revolutions counter
20 detector.

12. The fishing reel according to claim 6, wherein the fishing information represents at least one of depth of water, water temperature, a tidal current, ebb and flow
25 of the sea, a present position, a fishfinder image, fishing

tackle information and fishing technique information.

13. The fishing reel according to claim 6, wherein the
fishing information is obtained by at least one of a
5 fishfinder, a GPS, radio information, and information
through Internet.

14. The fishing reel according to claim 6, wherein the
informing device includes at least one of a display and
10 a speaker.

15. A fishing system comprising:
a transmitter for transmitting fishing information;
and
15 a fishing reel for winding a fishline on a spool,
including,
a receiver for receiving the fishing
information from the transmitter, and
an informing device for informing an angler
20 about the fishing information from the receiver.

16. The fishing system according to claim 15, wherein
the transmitter is installed in a boat and is connected
to at least one of a fishfinder and GPS.

17. The fishing system according to claim 15, wherein
the receiver communicates to the transmitter through a
wire or a radio.

5 18. The fishing system according to claim 15, wherein
the fishing information represents at least one of depth
of water, water temperature, a tidal current, ebb and
flow of the sea, a present position, a fishfinder image,
fishing tackle information and fishing technique
10 information.

19. The fishing system according to claim 15, wherein
the transmitter transmits the fishing information to a
plurality of the fishing reels.

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20. The fishing reel according to claim 15, wherein the
transmitter is one of a cellular phone and a radio system.

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